AP20 Rec'd PCT/PTO 05 SEP 2006

THE FOLLOWING ARE THE ENGLISH TRANSLATION OF ANNEXES TO THE INTERNATIONAL PRELIMINARY EXAMINATION REPORT (ARTICLE 34):

Amended Sheets (Pages 18 and 19)

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We claim:

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1) A process for preparing a polyurethane dispersion, which comprises preparing the polyurethane prior to dispersing in the presence of N-ethylpyrrolidone or N-cyclohexylpyrrolidone.

2) The process according to claim 1, comprising the steps of

I. preparing a polyurethane in the presence of N-ethylpyrrolidone or N-cyclohexylpyrrolidone by reacting

a) at least one polyfunctional isocyanate having 4 to 30 carbon atoms,

b) diols of which

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- b.1) 10 to 100 mol%, based on the total amount of diols (b), have a molecular weight of from 500 to 5000 and
- b.2) 0 to 90 mol%, based on the total amount of diols (b), have a molecular weight of from 60 to 500 g/mol,
- if appropriate further polyfunctional compounds, other than the diols
   (b), containing reactive groups which are alcoholic hydroxyl groups or primary or secondary amino groups and
- d) monomers other than the monomers (a), (b) and (c), containing at least one isocyanate group or at least one isocyanato-reactive group, additionally carrying at least one hydrophilic group or one potentially hydrophilic group whereby the polyurethane is rendered dispersible in water,

to form a polyurethane and

- II. subsequently dispersing the polyurethane in water
- III. with the possible addition after or during step II, if appropriate, of polyamines.
- The process according to claim 2, wherein as component (d) at least one hydroxycarboxylic acid is used.

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- 4) The process according to claim 3, wherein as component (d) at least one dihydroxyalkylcarboxylic acid is used.
- 5) The process according to claim 3, wherein as component (d) at least one a,abis(hydroxymethyl)carboxylic acid is used.
  - 6) The process according to claim 3, wherein as component (d) dimethylolbutyric acid and/or dimethylolpropionic acid are/is used.
- 10 7) The process according to claim 3, wherein as component (d) dimethylolpropionic acid is used.
  - 8) The process according to any one of the preceding claims, wherein as components (d) both nonionic hydrophilic and ionic hydrophilic groups are used.
  - 9) The process according to any one of the preceding claims, wherein the polyurethane is prepared in the presence of at least one cesium salt.
- The use of a polyurethane dispersion prepared according to any one of the preceding claims for coating or adhesively bonding wood, wood veneer, paper, paperboard, cardboard, textile, leather, nonwoven, plastics surfaces, glass, ceramic, mineral building materials, uncoated metals or coated metals.
- 11) The use of N-ethylpyrrolidone or N-cyclohexylpyrrolidone in preparingpolyurethanes.